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NASA - CR-135690

SAMPLING STRATEGIES IN LAND USE MAPPING
USING SKYLAB DATA

EREP INVESTIGATION NO. 520

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Principal Investigator: Dr. David S. Simonett
Director, Land Use and Urban Applications
Earth Satellite Corporation
1747 Pennsylvania Avenue, N.W.
Washington, D.C. 20006

MONTHLY PROGRESS REPORT

September, 1973

(E73-11139) SAMPLING STRATEGIES IN LAND
USE MAPPING USING SKYLAB DATA Monthly
Progress Report, Sep. 1973 (Earth
Satellite Corp.) 2 p HC \$3.00 CSCL 08B

N73-33294

G3/13 Unclass
01139

Prepared for: Johnson Spacecraft Center
Houston, Texas 77058

WORK PERFORMED THIS REPORTING PERIOD:

Work this reporting period has focused on completing checks for consistency, formatting, and coding of ground truth data collected during SL/2 and SL/3. Efforts are continuing to locate and identify ground truth data collection sites on S-190A photography. Subsets of these data will be used for training photo interpreters. Subsequently, a test will be made to determine the accuracy of manual identification of land use categories. Appropriate contingency tables, illustrating the results, are to be prepared. This will provide inputs to Task IV and VII as described in the Milestone Plan.

WORK TO BE PERFORMED NEXT PERIOD:

Analysis of RB-57 aircraft data and S-190 data will continue. Image interpretation will provide data to be used to generate maps showing boundary delineation of regional and sub-regional land use categories. This data will also be used in Task VII (Quantitative Comparison of Map Products...) as described in the Milestone Plan.

SIGNIFICANT RESULTS

There are no significant results to report at this time.

PUBLICATIONS, PAPERS, TALKS, Etc.

NONE